

1 This listing of claims will replace all prior versions, and listings, of claims
2 in the application:

3
4 **Listing of Claims**

5
6 Claim 1 (Currently amended): A method comprising:
7 reading at least a subset of audio content comprising an audio file from
8 optical media removably integrated with an optical drive, wherein the reading
9 comprises:

10 reading a sector of audio content; and
11 determining whether additional sector reads are necessary;
12 and
13 iteratively repeating the reading step using different block
14 sizes, if it is determined if the additional sector reads are necessary;
15 analyzing at least the read subset of audio content to quantify optical drive
16 read accuracy of the audio content; and
17 generating one or more metrics of optical drive read accuracy based, at least
18 in part, on the analysis of the read subset of audio content.

19
20 Claim 2 (Canceled)
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1 Claim 3 (Currently amended): A method according to claim 1, wherein
2 analyzing the audio content comprises:

3 comparing a first bundle of audio content from one sector ~~of a block~~ of
4 audio content to a second bundle of audio content from the one sector ~~of the block~~;
5 and

6 measuring a difference in amplitude between the first bundle and the
7 second bundle to quantify intra-sector misalignment.

8
9 Claim 4 (Currently amended): A method according to claim 3, wherein
10 analyzing the audio content further comprises:

11 comparing a last bundle of audio content from one sector ~~of a block~~ of
12 audio content to a first bundle of audio content from a subsequent sector ~~of the~~
13 ~~block~~ of audio content; and

14 measuring an amplitude difference between the bundles to quantify inter-
15 sector misalignment.

16
17 Claim 5 (Original): A method according to claim 4, wherein the
18 subsequent bundle is immediately adjacent to the first bundle.

19
20 Claim 6 (Original): A method according to claim 4, further comprising:
21 adjusting one or more operational settings associated with the optical drive
22 based, at least in part, on the intra- and/or inter-sector misalignment.

1 Claim 7 (Original): A method according to claim 4, wherein analyzing
2 the audio content further comprises:

3 comparing data associated with a left channel of a bundle with data
4 associated with a right channel of the bundle; and

5 measuring an amplitude difference between the left channel and the right
6 channel to quantify a channel offset.

7
8 Claim 8 (Original): A method according to claim 7, further comprising:
9 adjusting one or more operational settings associated with the optical drive
10 based, at least in part, on the intra-sector misalignment and/or the channel offset.

11
12 Claim 9 (Original): A method according to claim 1, wherein analyzing
13 the audio content further comprises:

14 comparing a last bundle of audio content from one sector of a block of
15 audio content to a first bundle of audio content from a subsequent sector of the
16 block of audio content; and one or more of:

17 measuring an amplitude difference between the bundles to quantify inter-
18 sector misalignment.

19 measuring an amplitude difference between data associated with a left
20 channel of a bundle and data associated with a right channel of the bundle to
21 quantify channel offset.

1 Claim 10 (Previously presented): A method according to claim 1, wherein
2 analyzing the audio content comprises:

3 comparing audio content within and between two adjacent sectors to
4 quantify one or more of intra-sector misalignment, inter-sector misalignment
5 and/or channel offset metrics.

6
7 Claim 11 (Currently amended): A computer readable medium
8 comprising of executable instructions, the executable instructions comprising:

9 reading at least a subset of audio content comprising an audio file from
10 optical media removably integrated with an optical drive, wherein the reading
11 comprises:

12 reading a sector of audio content; and

13 determining whether additional sector reads are necessary;

14 and

15 iteratively repeating the reading step using different sector

16 sizes, if it is determined if the additional sector reads are necessary;

17 analyzing at least the read subset of audio content to quantify optical drive
18 read accuracy of the audio content; and

19 generating one or more metrics of optical drive read accuracy based, at least
20 in part, on the analysis of the read subset of audio content.

21
22 Claims 12-15 (Canceled)